QUERY CONTROL FORM			RTIS USE ONLY	
Application No. 1025648	Prepared by	MRUSTIA	Tracking Number	06017013
Examiner-GAU PROWTY - 1652	Date	10-22-04	Week Date	09-27-04
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JACKET				
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449	
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b	
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract	
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs	
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other	

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_g. Brief Description) -
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i. Appendix	Copy of the 2 ist pages afforhed for reference.
j. Amendments	
k. Other	
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k. Other	
	initials

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT:
 - (A) NAME: NOVO NORDISK A/S
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 - (H) TELEFAX: +45 44 49 32 56
- (ii) TITLE OF INVENTION: AMYLASE VARIANTS
- (iii) NUMBER OF SEQUENCES: 7
- (iv) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
- (2) INFORMATION FOR SEQ ID NO: 1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 485 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: peptide
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

His His Asn Gly Thr Asn Gly Thr Met Met Gln Tyr Phe Glu Trp Tyr

1 5 10 15

Leu Pro Asn Asp Gly Asn His Trp Asn Arg Leu Arg Asp Asp Ala Ala 20 25 30

Asn Leu Lys Ser Lys Gly lle Thr Ala Val Trp lle Pro Pro Ala Trp

Lys Gly Thr Ser Gln Asn Asp Val Gly Tyr Gly Ala Tyr Asp Leu Tyr 50 55 60

Asp Leu Gly Glu Phe Asn Gln Lys Gly Thr Val Arg Thr Lys Tyr Gly 70 75 80



RAW SEQUENCE LISTING DATE: 02/14/2002 PATENT APPLICATION: US/10/025,648 TIME: 19:31:56

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             (i) APPLICANT: Bisgard-Frantzen, Henrik
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                            Svendsen, Allan
     8
                            Borchert, Torben Vedel
            (ii) TITLE OF INVENTION: AMYLASE VARIANTS
     10
           (iii) NUMBER OF SEQUENCES: 32
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     14
            (iv) CORRESPONDENCE ADDRESS:
                  (A) ADDRESSEE: Novo Nordisk of North America, Inc.
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                  (C) CITY: New York
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                  (D) STATE: New York
                                                                ENTERED
                  (E) COUNTRY: U.S.A.
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                  (F) ZIP: 10174-6401
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             (V) COMPUTER READABLE FORM:
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                  (A) MEDIUM TYPE: Floppy disk
                  (B) COMPUTER: IBM PC compatible
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                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
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                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
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            (vi) CURRENT APPLICATION DATA:
                  (A) APPLICATION NUMBER: US/10/025,648
C--> 29
                  (B) FILING DATE: 19-Dec-2001
C--> 30
     36
                  (C) CLASSIFICATION:
     33
           (vii) PRIOR APPLICATION DATA:
                  (A) APPLICATION NUMBER: 08/600,656
     34
                  (B) FILING DATE: 13-FEB-1996
     35
     38
          (viii) ATTORNEY/AGENT INFORMATION:
     39
                  (A) NAME: Lambiris, Elias J.
                  (B) REGISTRATION NUMBER: 33,728
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                  (C) REFERENCE/DOCKET NUMBER: 4318.204-US
     41
            (ix) TELECOMMUNICATION INFORMATION:
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                  (A) TELEPHONE: 212 867 0123
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                  (B) TELEFAX: 212 867 0298
     48 (2) INFORMATION FOR SEQ ID NO: 1:
             (i) SEQUENCE CHARACTERISTICS:
     51
                  (A) LENGTH: 485 amino acids
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                  (B) TYPE: amino acid
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                  (C) STRANDEDNESS: single
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                  (D) TOPOLOGY: linear
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            (ii) MOLECULE TYPE: peptide
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            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
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             His His Asn Gly Thr Asn Gly Thr Met Met Gln Tyr Phe Glu Trp Tyr
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